

In the Claims:

Please amend Claims 9, 10, 13 and 14, and add new Claims 16 and 17 as indicated below. The status of all pending claims is as follows:

1. (Withdrawn) A liquid crystal display apparatus, comprising:

an almost quadrilateral liquid crystal panel having a liquid crystal display part;

and

a plurality of first drive IC substrates being aligned along an edge of the liquid crystal panel and connected to the liquid crystal panel, each of the plurality of first drive IC substrates having a first drive IC,

wherein the first drive IC substrate comprises a through wire to connect between distinct terminals of a plurality of terminals aligned along an edge thereof, and a test pad is formed on a portion of the through wire.

2. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1,

wherein the first drive IC substrate further comprises an input signal wire to connect between distinct terminals of the plurality of terminals aligned along the edge thereof, the input signal wire being connected to an input terminal of the first drive IC substrate, and a test pad is formed on a portion of the input signal wire.

3. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, wherein the test pad is formed by widening a portion of a patterned wire including a through wire or an input signal wire compared to the other portion thereof.

4. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, wherein the liquid crystal panel comprises at least one wire to connect between through wires or input signal wires on adjacent ones of the plurality of first drive IC substrates.

5. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, further comprising:

a plurality of second drive IC substrates being aligned along an edge orthogonal to the edge of the liquid crystal panel connected to the plurality of first drive IC substrates and connected to the liquid crystal panel, each of the plurality of second drive IC substrates comprising a second drive IC; and

a signal input substrate being connected to each of the plurality of second drive IC substrates,

wherein a signal is supplied from the signal input substrate to the first IC drive substrate via a wire formed on the signal input substrate, one of the plurality of second drive ICs and the liquid crystal panel.

6. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, wherein for each of the plurality of first drive IC substrates, one end of the through wire is connected to an input terminal formed in an outside area of a line of IC signal output terminals formed on an edge side of the first drive IC substrate, and the other end of the through wire is connected to an output terminal formed in the other outside area of the line of the IC signal output terminals.

7. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, wherein for each of the plurality of first drive IC substrates, one end of the input signal wire is connected to an input terminal formed in an outside area of a line of IC signal output terminals formed on an edge side of the first drive IC substrate, and the other end of the input signal wire is connected to an output terminal formed in the other outside area of the line of the IC signal output terminals.

8. (Withdrawn) The liquid crystal display apparatus as claimed in claim 1, wherein the liquid crystal panel is an active matrix substrate on which thin film transistors are formed and arranged in form of a matrix, and the first drive IC substrate is an insulation film substrate and connected to the liquid crystal panel by using anisotropically conductive resin.

9. (Currently Amended) A liquid crystal display apparatus, comprising:

an ~~almost~~ essentially quadrilateral liquid crystal panel having a liquid crystal display part; and

a plurality of first drive IC substrates being aligned along an edge of the liquid crystal panel and connected to the liquid crystal panel, each of the plurality of first drive IC substrates having a first drive IC,

wherein the first drive IC substrate ~~comprises~~ includes an input signal wire to ~~connect~~ that extends between an input terminal and an output terminal, the input signal wire connecting between distinct terminals of a plurality of terminals aligned along an edge thereof, the input signal wire being connected to an input terminal of the first drive IC, and a test pad is formed on a portion of the input signal ~~wire~~ wire between the input and output terminals of input signal wire.

10. (Currently Amended) The liquid crystal display apparatus as claimed in claim 9, wherein the test pad is formed by widening a portion of a patterned wire including an input signal wire compared to ~~the other~~ another portion thereof.

11. (Original) The liquid crystal display apparatus as claimed in claim 9, wherein the liquid crystal panel comprises at least one wire to connect between input signal wires on adjacent ones of the plurality of first drive IC substrates.

12. (Original) The liquid crystal display apparatus as claimed in claim 9, further comprising:

a plurality of second drive IC substrates being aligned along an edge orthogonal to the edge of the liquid crystal panel connected to the plurality of first drive IC substrates and connected to the liquid crystal panel, each of the plurality of second drive IC substrates comprising a second drive IC; and

a signal input substrate being connected to each of the plurality of second drive IC substrates,

wherein a signal is supplied from the signal input substrate to the first IC drive substrate via a wire formed on the signal input substrate, one of the plurality of second drive ICs and the liquid crystal panel.

13. (Currently Amended) The liquid crystal display apparatus as claimed in claim 9, wherein for each of the plurality of first drive IC substrates, one ~~end of the~~ end of a through wire is connected to an input terminal formed in an outside area of a line of IC signal output terminals formed on an edge side of the first drive IC substrate, and the other

end of the through wire is connected to an output terminal formed in the other outside area of the line of the IC signal output terminals.

14. (Currently Amended) The liquid crystal display apparatus as claimed in claim 9, wherein for each of the plurality of first drive IC substrates, ~~one end~~ the input terminal of the input signal wire is ~~connected to an input terminal~~ formed in an outside area of a line of IC signal output terminals formed on an edge side of the first drive IC substrate, and the ~~other end~~ output terminal of the input signal wire is ~~connected to an output terminal~~ formed in ~~the other~~ another outside area of the line of the IC signal output terminals.

15. (Original) The liquid crystal display apparatus as claimed in claim 9, wherein the liquid crystal panel is an active matrix substrate on which thin film transistors are formed and arranged in form of a matrix, and the first drive IC substrate is an insulation film substrate and connected to the liquid crystal panel by using anisotropically conductive resin.

16. (New) The liquid crystal display apparatus as claimed in claim 9, wherein the input signal wire includes a second test pad.

17. (New) The liquid crystal display apparatus as claimed in claim 16, wherein the test pad is located near the input terminal of the first drive IC and the second test pad is located near the output terminal of the first drive IC.